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(54) Title: GRIGNARD PROCESSES WITH INCREASED CONTENT OF DIPHENYLCHLOROSILANES

(57) **Abstract:** Three improved Grignard processes are used for preparing phenyl-containing chlorosilane products wherein the yield of diphenylchlorosilanes as a product is maximized, while the yield of phenylchlorosilanes as a product is minimized. In one embodiment, the process involves contacting a phenyl Grignard reagent, an ether solvent, an aromatic halogenated coupling solvent and a trichlorosilane. In another embodiment, the process involves contacting a phenyl Grignard reagent, an ether solvent, an aromatic halogenated coupling solvent, a trichlorosilane, and a phenylchlorosilane. In yet another embodiment, the process involves contacting a phenyl Grignard reagent, an ether solvent, an aromatic halogenated coupling solvent, and a phenylchlorosilane. In each embodiment, the reactants are present in particular mole ratios of the components.



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